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IN THE CLAIMS:

1.-19. (Cancel)

20. (New) A method for reproducing information recorded on a recording medium, comprising:

irradiating a laser beam on a track of the recording medium to generate a reproducing signal; and

executing an equalization processing for reducing an inter-symbol interference;

wherein the equalization processing is conducted such that the smaller an amplitude of the reproducing signal, the greater an equalization coefficient that is applied.

21. (New) A method for reproducing information according to Claim 20, wherein the greater equalization coefficient is used for a short mark, and a smaller equalization coefficient is used for a long mark.

22. (New) A method for reproducing information according to Claim 20, wherein equalization coefficient changes continuously.

23. (New) A method for reproducing information according to Claim 20, wherein the equalization coefficient is changed dynamically during reproducing information.

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24. (New) A method for reproducing information according to Claim 20, comprising executing the equalization processing using 3-tap equalization processing, wherein each tap includes a plurality of selectable equalization coefficients.

25. (New) A method for reproducing information according to Claim 24, wherein the plurality of selectable equalization coefficients of a tap are dynamically selectable during reproducing information.

26. (New) A method for reproducing information according to Claim 20, comprising executing the equalization processing using 5-tap equalization processing, wherein each tap includes a plurality of selectable equalization coefficients.

27. (New) A method for reproducing information according to Claim 26, wherein the plurality of selectable equalization coefficients of a tap are dynamically selectable during reproducing information.